

PTO/SB/08a/b (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/B/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

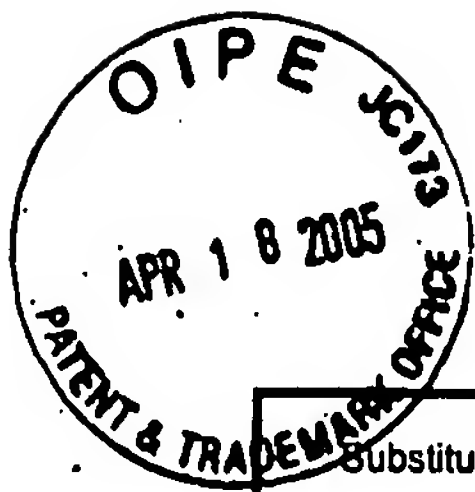
Application Number	10/709,657
Filing Date	May 20, 2004
First Named Inventor	Otway, David J.
Art Unit	2134
Examiner Name	Not Yet Assigned
Attorney Docket Number	CXT-052DV

Sheet	1	of	4
-------	---	----	---

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
/MH/	A1	4,649,410	10-Mar-87	Ohashi	
/MH/	A2	4,807,029	21-Feb-89	Tanaka	
/MH/	A3	4,887,204	12-Dec-89	Johnson <i>et al.</i>	
/MH/	A4	4,924,378	08-May-90	Hershey <i>et al.</i>	
/MH/	A5	4,937,784	26-Jun-90	Masai <i>et al.</i>	
/MH/	A6	5,014,221	7-May-91	Mogul	
/MH/	A7	5,161,015	3-Nov-92	Citta <i>et al.</i>	
/MH/	A8	5,164,727	17-Nov-92	Zakhor <i>et al.</i>	
/MH/	A9	5,175,852	29-Dec-99	Johnson <i>et al.</i>	
/MH/	A10	5,202,971	13-Apr-93	Henson <i>et al.</i>	
/MH/	A11	5,204,897	20-Apr-93	Wyman	
/MH/	A12	5,229,864	20-Jul-93	Moronaga <i>et al.</i>	
/MH/	A13	5,305,440	19-Apr-94	Morgan <i>et al.</i>	
/MH/	A14	5,325,527	28-Jun-94	Cwikowski <i>et al.</i>	
/MH/	A15	5,329,619	12-Jul-94	Page <i>et al.</i>	
/MH/	A16	5,341,477	23-Aug-94	Pitkin <i>et al.</i>	
/MH/	A17	5,341,478	23-Aug-94	Travis, Jr. <i>et al.</i>	
/MH/	A18	5,359,721	25-Oct-94	Kempf <i>et al.</i>	
/MH/	A19	5,367,688	22-Nov-94	Croll	
/MH/	A20	5,390,297	14-Feb-95	Barber <i>et al.</i>	
/MH/	A21	5,412,717	02-May-95	Fischer	
/MH/	A22	5,440,719	8-Aug-95	Hanes <i>et al.</i>	
/MH/	A23	5,455,953	03-Oct-95	Russell	
/MH/	A24	5,491,750	13-Feb-96	Bellare <i>et al.</i>	
/MH/	A25	5,504,814	02-Apr-96	Miyahara	
/MH/	A26	5,509,070	16-Apr-96	Schull	
/MH/	A27	5,515,508	7-May-96	Pettus <i>et al.</i>	
/MH/	A28	5,524,238	04-Jun-96	Miller <i>et al.</i>	
/MH/	A29	5,544,246	06-Aug-96	Mandelbaum <i>et al.</i>	
/MH/	A30	5,550,976	27-Aug-96	Henderson <i>et al.</i>	
/MH/	A31	5,550,981	27-Aug-96	Bauer <i>et al.</i>	
/MH/	A32	5,553,139	03-Sep-96	Ross <i>et al.</i>	
/MH/	A33	5,557,732	17-Sep-96	Thompson	
/MH/	A34	5,560,008	24-Sep-96	Johnson <i>et al.</i>	
/MH/	A35	5,564,016	08-Oct-96	Korenshtein	
/MH/	A36	5,583,992	10-Dec-96	Kudo	
/MH/	A37	5,592,549	07-Jan-97	Nagel <i>et al.</i>	
/MH/	A38	5,604,490	18-Feb-97	Blakley, III <i>et al.</i>	
/MH/	A39	5,638,513	10-Jun-97	Ananda	

Examiner Signature	/Matthew Heneghan/	Date Considered	07/03/2007
-----------------------	--------------------	--------------------	------------



PTO/SB/08a/b (08-03)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete If Known	
				Application Number	10/709,657
				Filing Date	May 20, 2004
				First Named Inventor	Otway, David J.
				Art Unit	2134
				Examiner Name	Not Yet Assigned
Sheet	2	of	4	Attorney Docket Number	CXT-052DV

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
/MH/	A40	5,657,390	12-Aug-97	Elgamal <i>et al.</i>	
/MH/	A41	5,666,501	09-Sep-97	Jones <i>et al.</i>	
/MH/	A42	5,668,876	16-Sep-97	Falk <i>et al.</i>	
/MH/	A43	5,668,999	16-Sep-97	Gosling	
/MH/	A44	5,671,354	23-Sep-97	Ito <i>et al.</i>	
/MH/	A45	5,689,708	18-Nov-97	Regnier <i>et al.</i>	
/MH/	A46	5,706,349	01-Jan-98	Aditham <i>et al.</i>	
/MH/	A47	5,729,734	17-Mar-98	Parker <i>et al.</i>	
/MH/	A48	5,737,416	07-Apr-98	Cooper <i>et al.</i>	
/MH/	A49	5,742,757	21-Apr-98	Hamadani <i>et al.</i>	
/MH/	A50	5,794,207	11-Aug-98	Walker <i>et al.</i>	
/MH/	A51	5,809,144	15-Sep-98	Sirbu <i>et al.</i>	
/MH/	A52	5,818,939	07-Oct-98	Davis	
/MH/	A53	5,881,226	9-Mar-99	Veneklase	
/MH/	A54	5,918,228	29-Jun-99	Rich <i>et al.</i>	
/MH/	A55	5,923,756	13-Jul-99	Shambroom	
/MH/	A56	5,944,791	31-Aug-99	Scherpbier	
/MH/	A57	5,956,407	21-Sep-99	Slavin	
/MH/	A58	5,991,878	21-Nov-99	McDonough <i>et al.</i>	
/MH/	A59	6,049,785	11-Apr-00	Gifford	
/MH/	A60	6,078,908	20-Jun-00	Schmitz	
/MH/	A61	6,094,485	25-Jul-00	Weinstein <i>et al.</i>	
/MH/	A62	6,131,116	10-Oct-00	Riggins <i>et al.</i>	
/MH/	A63	6,289,461 B1	11-Sep-01	Dixon	
/MH/	A64	2001/0056547	27-Dec-01	Dixon	
/MH/	A65	6,609,206 B1	19-Aug-03	Veneklase	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
/MH/	B1	GB 2 168 831 A	06-25-1986	STEEBEK SYSTEMS LTD(GB)		
/MH/	B2	WO 93/15457 A1	08-05-1993	PARALLEL PCs, INC		
/MH/	B3	WO 94/28670 A1	12-08-1994	NOKIA TELECOMMUNICATIONS OY		
/MH/	B4	EP 0 643 514 A2	03-15-1995	INTERNATIONAL BUSINESS MACHINES CORPORATION		
/MH/	B5	EP 0 679 980 A1	11-02-1995	INTERNATIONAL BUSINESS MACHINES CORPORATION		
Examiner Signature		/Matthew Heneghan/		Date Considered	07/03/2007	



PTO/SB/08a/b (08-03)

Approved for use through 07/31/2008. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

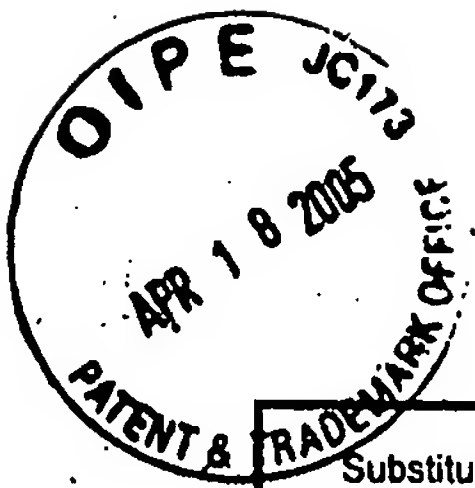
Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
				Application Number	10/709,657
				Filing Date	May 20, 2004
				First Named Inventor	Otway, David J.
				Art Unit	2134
				Examiner Name	Not Yet Assigned
Sheet	3	of	4	Attorney Docket Number	CXT-052DV

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
/MH/	B6	EP 0 734 144 A2	09-25-1996	SIEMENS AKTIENGESELLSCHAFT		
/MH/	B7	WO 97/18635	05-22-1997	INTERNATIONAL BUSINESS MACHINES CORPORATION <i>et al.</i>		
/MH/	B8	NL 1007409	11-18-1997	KONINGKLYKE PTT NEDERLAND NV	ABSTRACT	
/MH/	B9	EP 0 851 628 A1	07-01-1998	ICO SERVICES LTD.		
/MH/	B10	WO 98/38762 A2	09-03-1998	SIEBEL SYSTEMS, INC.		
/MH/	B11	EP 0 875 871 A2	11-04-1998	SCHMITZ, KIM		
/MH/	B12	WO 98/52344	11-19-1998	TELEFONAKTIEBOLAGET LM ERICSSON		
/MH/	B13	WO 99/35783 A1	07-15-1999	CYBERSAFE CORPORATION		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
/MH/	C1	"IBM: "IBM Operating System/2 Version 1.2 Profile Validation Hooks", pages 1-26, November 22, 1989.	
/MH/	C2	"Network Neighborhood", http://www.internet.com , © 1999 internet.com	
/MH/	C3	Allison, B. <i>et al.</i> "File System Security: Secure Network Data Sharing For NT And UNIX" Network Appliance, Inc., Tech Library, January 16, 1998 pages 1-16 (double sided)	
/MH/	C4	Conry-Murray, A. "Web services security specifications" <i>Network Magazine</i> 2003, pp. 20, 22.	
/MH/	C5	Dawson, E. <i>et al.</i> "Key Management in a non-trusted distributed environment." <i>Future Generation Computer Systems</i> , Elsevier Science Publishers, Amsterdam, 16(2000):319-29.	
/MH/	C6	Gong, L. "Using One-Way Functions for Authentication" University of Cambridge Computer Laboratory, Cambridge CB2 3QG, England, July 1989, pages 8-11	
/MH/	C7	Kay, R. "Authentication" <i>Computerworld</i> , March 27, 2000, pages 77-79.	
/MH/	C8	Maxemchuk, N.F. <i>et al.</i> "The Use of Communications Networks to Increase Personal Privacy" from IEEE INFOCOM' 95, Proceedings, Vol. 2, April 2-6 1995, Pages 504-512.	
/MH/	C9	Millman, H. "Give Your Computer the Finger", <i>Computerworld</i> , March 27, 2000	

Examiner Signature	/Matthew Heneghan/	Date Considered	07/03/2007
-----------------------	--------------------	--------------------	------------



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)			Complete if Known		
			Application Number	10/709,657	
			Filing Date	May 20, 2004	
			First Named Inventor	Otway, David J.	
			Art Unit	2134	
			Examiner Name	Not Yet Assigned	
Sheet	4	of	4	Attorney Docket Number	CXT-052DV

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
/MH/	C10	Neuman, B.C. "Proxy-Based Authorization and Accounting for Distributed Systems", © IEEE, May 25, 1993, pages 283-291	
/MH/	C11	Nicholson, M. "How To Hold Mobile Users To Account" Financial Times, Tuesday, May 2, 2000.	
/MH/	C12	Otway, D. et al. "Efficient and Timely Mutual Authentication", The ANSA Project, 24 Hills Road, Cambridge CB21JP United Kingdom, pages 8-10 , 1987	
/MH/	C13	Patent Cooperation Treaty, International Search Report, International Application No. PCT/US01/45461, Mailed on November 13, 2002, 7 pages.	
/MH/	C14	Paulson, L.C. "Mechanized Proofs for a Recursive Authentication Protocol" Computer Laboratory, University of Cambridge, Pembroke Street, Cambridge CB2 3QG, England, pages 84-94 , 1997	
/MH/	C15	Ryan, P.Y.A. et al., "An attack on a recursive authentication protocol: A cautionary tale" Information Processing Letters 65, 1998 Elsevier Science B.V., pages 7-10	
/MH/	C16	Savvas, T. "Handset Giants Launch Security System" www.computerweekly.com , 4 / 2000	
/MH/	C17	Seife, C. "Algorithmic Gladiators Vie For Digital Glory" www.sciencemag.org, Science, Vol 288, May 19, 2000, pages 1161 & 1163.	
/MH/	C18	Sirbu, M.A. et al. "Distributed authentication in Kerberos using public key cryptography." IEEE, 1997, pp. 134-141.	
/MH/	C19	Stallings, W. "Chapter 5: Confidentiality using conventional encryption." In <u>Cryptography and Network Security: Confidentiality</u> 1998, Prentice Hall, pp.131-157.	
/MH/	C20	Terao et al. "A shared secure server for multiple closed networks." IEEE, 1999, pp.32-39	
/MH/	C21	Win95 Tutorial: Index of Topics. http://orion.valencia.cc.fl.us/tutorials/Win95demo/net.html , printed 12/27/99 (2 pages)	
/MH/	C22	Yager, T. "OS Paradise" BYTE, November, 1995	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature	/Matthew Heneghan/	Date Considered	07/03/2007
--------------------	--------------------	-----------------	------------